

# HistoricBridges.org - National Bridge Inventory Data Sheet

2013 Inventory

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.

Form Interface Design: www.historicbridges.org. Data Conversion Assistance By www.bridgehunter.com. None of the involved parties make any guarantee of accuracy.

## Basic Information

Pennsylvania [42]	Allegheny County [003]	Rosslyn [66312]	RP.A @ ROSSLYN FARMS	40-25-18 = 40.421667	080-05-30 = - 80.091667
2799	Highway agency district 11	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 0	North [1]	RAMP A RD	Toll On free road [3]	Features intersected PARKWAY WEST	
Design - main	Steel continuous [4]	Design - approach		Kilometerpoint 0 km = 0.0 mi	
3	Girder and floorbeam system [03]	0	Other [00]	Year built 1951	Year reconstructed 1976
				Skew angle 45	Structure Flared
				Historical significance Bridge is not eligible for the NRHP. [5]	
Total length 56.1 m = 184.1 ft	Length of maximum span 34.7 m = 113.9 ft	Deck width, out-to-out 10.8 m = 35.4 ft	Bridge roadway width, curb-to-curb 9.9 m = 32.5 ft		
Inventory Route, Total Horizontal Clearance 9.9 m = 32.5 ft	Curb or sidewalk width - left 0.2 m = 0.7 ft	Curb or sidewalk width - right 0.2 m = 0.7 ft			
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Latex Concrete or similar additive [3]				
Deck protection					
Type of membrane/wearing surface					

## Weight Limits

Bypass, detour length	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	36.3 metric ton = 39.9 tons
1 km = 0.6 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	60.8 metric ton = 66.9 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	MS 18 / HS 20 [5]

### Functional Details

Average Daily Traffic	1982	Average daily truck traffi	7	%	Year	2012	Future average daily traffic	2425	Year	2032
Road classification	Principal Arterial - Interstate (Urban) [11]		Lanes on structure	1		Approach roadway width	12.2 m = 40.0 ft			
Type of service on bridge	Highway [1]		Direction of traffic	1 - way traffic [1]		Bridge median				
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Highway, with or without ped		Lanes under structure	10		Navigation control	Not applicable, no waterway. [N]			
Navigation vertical clearanc	0 = N/A		Navigation horizontal clearance	0 = N/A						
Minimum navigation vertical clearance, vertical lift bridge						Minimum vertical clearance over bridge roadway	10 m = 32.8 ft			
Minimum lateral underclearance reference feature	Highway beneath structure [H]									
Minimum lateral underclearance on right	31.7 m = 104.0 ft					Minimum lateral underclearance on left	35.4 m = 116.1 ft			
Minimum Vertical Underclearance	5 m = 16.4 ft		Minimum vertical underclearance reference feature	Highway beneath structure [H]						
Appraisal ratings - underclearances	Somewhat better than minimum adequacy to tolerate being left in place as is [5]									

### Repair and Replacement Plans

Type of work to be performed	Work done by	Work to be done by owner's forces [2]			
Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]	Bridge improvement cost	0	Roadway improvement cost	0	
	Length of structure improvement	55 m = 180.5 ft	Total project cost	0	
	Year of improvement cost estimate				
	Border bridge - state		Border bridge - percent responsibility of other state		
	Border bridge - structure number				

## Inspection and Sufficiency

Structure status	Open, no restriction [A]	Appraisal ratings - structural	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Superior to present desirable criteria [9]
Condition ratings - deck	Satisfactory [6]		
Scour	Bridge not over waterway. [N]		
Channel and channel protection	Not applicable. [N]		
Appraisal ratings - water adequacy	N/A [N]	Status evaluation	
Pier or abutment protection		Sufficiency rating	79.8
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions			
Traffic safety features - approach guardrail			
Traffic safety features - approach guardrail ends	Inspected feature meets currently acceptable standards. [1]		
Inspection date	August 2012 [0812]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	August 2012 [0812]
Other special inspection	Not needed [N]	Other special inspection date	